subq2 13. A nude rodent model for human neoplastic disease, wherein said rodent is characterized by:

having histologically intact human neoplastic tissue of at least 1 mm^3 in size transplanted onto an organ of said rodent which corresponds to the human organ from which said tissue is originally obtained; and

having sufficient immuno-deficiency to allow said transplanted neoplastic tissue to grow and mimic the progression of the neoplastic disease in the human donor.

14. The nude rodent model for human neoplastic disease of claim 13, wherein said rodent is a rat.

subq3 15. An immunodeficient rodent model for human neoplastic disease, wherein said rodent is characterized by:

having histologically intact human neoplastic tissue of at least 1 mm^3 in size transplanted onto an organ of said rodent which corresponds to the human organ from which said tissue is originally obtained; and

having sufficient immuno-deficiency to allow said transplanted neoplastic tissue to grow and mimic the progression of the neoplastic disease in the human donor.

16. The immunodeficient rodent model for human neoplastic disease of claim 15, wherein said rodent is a rat.

17. The immunodeficient rodent model for human neoplastic disease of claim 15, wherein said rodent is a mouse.

18. The immunodeficient rodent model for human neoplastic disease of claim 17, wherein said rodent is a severe combined immunodeficient (SCID) mouse.

5624

19. An immunodeficient non-human mammal model for human neoplastic disease, wherein said non-human mammal model is characterized by:

having histologically intact human neoplastic tissue of at least 1 mm^3 in size transplanted onto an organ of said non-human mammal which corresponds to the human organ from which said tissue is originally obtained; and

having sufficient immuno-deficiency to allow said transplanted neoplastic tissue to grow and mimic the progression of the neoplastic disease in the human donor.

20. A method of generating a nude rodent model for human neoplastic disease, said method comprising:

transplanting histologically intact human neoplastic tissue of at least 1 mm^3 in size onto an organ of a nude rodent which corresponds to the human organ from which said tissue is originally obtained; and

allowing said transplanted tissue to grow and mimic progression of the neoplastic disease in the human donor.

21. The method of generating a nude rodent model for human neoplastic disease of claim 20, wherein said rodent is a rat.

22. A method of generating an immunodeficient rodent model for human neoplastic disease, said method comprising:

transplanting histologically intact human neoplastic tissue of at least 1 mm^3 in size onto an organ of an immunodeficient rodent which corresponds to the human organ from which said tissue is originally obtained; and

allowing said transplanted tissue to grow and mimic progression of the neoplastic disease in the human donor.

23. The method of generating an immunodeficient rodent model for human neoplastic disease of claim 22, wherein said rodent is a rat.

24. The method of generating an immunodeficient rodent model for human neoplastic disease of claim 22, wherein said rodent is a mouse.

25. The method of generating an immunodeficient rodent model for human neoplastic disease of claim 24, wherein said rodent is a severe combined immunodeficient (SCID) mouse.

26. A method of generating an immunodeficient non-human mammal model for human neoplastic disease, said method comprising:

transplanting histologically intact human neoplastic tissue of at least 1 mm^3 in size onto an organ of an immunodeficient non-human mammal which corresponds to the human organ from which said tissue is originally obtained; and

allowing said transplanted tissue to grow and mimic progression of the neoplastic disease in the human donor.

sub Q5 → 27. A nude rodent model for human neoplastic disease, wherein said rodent is characterized by:

having histologically intact human neoplastic tissue transplanted onto an organ of said rodent which corresponds to the human organ from which said tissue is originally obtained; and

having sufficient immuno-deficiency to allow said transplanted neoplastic tissue to grow and mimic the progression of the neoplastic disease in the human donor.

28. An immunodeficient rodent model for human neoplastic disease, wherein said rodent is characterized by:

having histologically intact human neoplastic tissue transplanted onto an organ of said rodent which corresponds to the human organ from which said tissue is originally obtained; and

having sufficient immuno-deficiency to allow said transplanted neoplastic tissue to grow and mimic the progression of the neoplastic disease in the human donor.

29. An immunodeficient non-human mammal model for human neoplastic disease, wherein said non-human mammal model is characterized by:

having histologically intact human neoplastic tissue transplanted onto an organ of said non-human mammal which corresponds to the human organ from which said tissue is originally obtained; and

having sufficient immuno-deficiency to allow said transplanted neoplastic tissue to grow and mimic the progression of the neoplastic disease in the human donor.

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